

BIONOMADIX SERIES

The BioNomadix system is a wireless, multi-channel physiological recording platform. Its untethered design allows for nearly unlimited freedom of movement and unsurpassed comfort, enabling subjects to easily relax into their protocol. There are twelve different BioNomadix modules sets, each consisting of a matched transmitter and receiver specifically optimized for desired physiological signals. Multiple BioNomadix module sets (typically eight maximum) can be used to create a customized BioNomadix system.



Each BioNomadix module set is capable of recording of two independent channels, with the exception of the Accelerometer module, which records three channels.

BIONOMADIX TRANSMITTER AND RECEIVER SETS

BN-ACCL3	BioNomadix Accelerometer	BN-DYNEMG	BioNomadix Dynamometry and EMG
BN-ECG2	BioNomadix 2-Channel ECG	BN-EOG2	BioNomadix 2-Channel EOG
BN-EEG2	BioNomadix 2-Channel EEG	BN-NICO	BioNomadix Cardiac Output
BN-EGG2	BioNomadix 2-Channel EGG	BN-RSP2	BioNomadix 2-Channel Respiration
BN-EMG2	BioNomadix 2-Channel EMG	BN-RSPEC	BioNomadix RSP and ECG
BN-PPGED	BioNomadix PPG and EDA	BN-SKT2	BioNomadix 2-Channel Skin Temp
BN-GONIO	BioNomadix 2-Channel Goniometry	BN-STRIKE	BioNomadix 2-Channel Heel/Toe Strike

BioNomadix [BN-GYRO-75](#) and [BN-GYRO-300](#) Angular Rate Sensors are [discontinued items](#).

BIONOMADIX TRANSMITTER ONLY

BN-ACCL3-T	Accelerometer	BN-DYNEMG-T	Dynamometry and EMG
BN-ECG2-T	2-Channel ECG	BN-EOG2-T	2-Channel EOG
BN-EEG2-T	2-Channel EEG	BN-NICO-T	Cardiac Output
BN-EGG2-T	2-Channel EGG	BN-RSP2-T	2-Channel Respiration
BN-EMG2-T	2-Channel EMG	BN-RSPEC-T	RSP and ECG
BN-PPGED-T	PPG and EDA	BN-SKT2-T	2-Channel Skin Temp
BN-GONIO-T	Goniometry	BN-STRIKE-T	2-Channel Heel/Toe Strike

➡ Click to view a [BioNomadix System Diagram](#).

BIONOMADIX LOGGER (BN-LOGGER) *Get the real-world data your application demands!*

BioNomadix Loggers wirelessly record physiological data as subjects freely and naturally live their lives—record from up to three dual-channel wearable BioNomadix Transmitters* plus a built-in accelerometer. Sync the BioNomadix Logger with GPS for a correlation between physiological and location data.

Use as a stand-alone system with AcqKnowledge or combine with BioNomadix Receivers and a computer running AcqKnowledge:



- Sync Transmitters to the Logger mode for remote data logging.
- Combine Transmitters with BioNomadix wireless Receivers to operate in the lab for real-time telemetry.

The compact Logger device provides a color display for visual feedback, speaker for auditory feedback, vibration for haptic feedback, voice journal for participant comments, event markers, and alarms. Includes micro-USB to USB cable for charging/data transfer, AC Charger and belt case.

* Existing BioNomadix devices require a firmware upgrade to be compatible with Loggers—see BN-TX-UPG online for details.

NOTE: BioNomadix Logger requires AcqKnowledge software version 4.4.1 or higher.